„DZEMAL BIJEDIC“ UNIVERSITY OF MOSTAR FACULTY OF CIVIL ENGINEERING		
Unit:	**TESTING OF STRUCTURES**	**Subject code: 0000**
Level:	Postgraduate	
Professor:	Assistant Professor Dr Đani Rahimić	
Contact details:	E-mail: djani.rahimic@unmo.ba	Tel: +387 36 514-867
Contact hours:	Lectures per week: 2	Practicals/tutorials per week: 2
ECTS:	5 ECTS	
Unit status:	Core	
Prerequisites:	-	
Synopsis:	Historical development and task of testing structures. Division of testing according to purpose: control, scientific, special, on a construction or model, short-term, static or dynamic, on a building or in a laboratory. Mechanical and geometric dimensions that are measured when testing structures. Measuring tools for measuring sizes. Determination of the properties of the structure, accuracy and area of measurement of the measuring devices. Project, performance, loading methods, processing of measurement and evaluation of measurement results. Features of static and dynamic testing. □ Examples of structure testing (bridges, roofs, piles, etc.) □ Standards for testing structures. □ Monitoring of structures and landslides □ Monitoring of dams	
Aims:	Introducing students with instruments and methodology of examining the behaviour of real structures and models of structures in the action of static and dynamic loads	
Outcomes	The student should master the basic theoretical knowledge in the field of testing of engineering structures and the practical application of basic methods and methods of testing structures.	
Teaching methods:	Lectures, practicals/tutorials/self-directed learning exercises	
Assessment:	Assessment is based on a number of practical exercises, tests and an end of semester examination.	
Prescribed literature:		